

Express Mail No. EV 038543973 US

CUSTOMER NUMBER 23608

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

Docket No. PF00391 CON

Date: October 14, 2003

Inventors: Sheldon B. Moberg; James D. Causey, III; Rex O. Bare; Andrew J. Scherer;  
and Bradley J. Sargent

Title: IMPROVED METHODS, APPARATUSES, AND USES FOR INFUSION PUMP  
FLUID PRESSURE AND FORCE DETECTION

Mail Stop Patent Application  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Dear Sir:

This is a request for filing a:

- ☒ continuation application  
☐ divisional application

of pending prior application

Serial No. 10/302,002 filed November 22, 2002

for: IMPROVED METHODS, APPARATUSES, AND USES FOR INFUSION PUMP FLUID  
PRESSURE AND FORCE DETECTION

1a. ☒ Enclosed is a copy of the original application.

1b. ☒ Enclosed is a copy of the oath or declaration as filed with the original application.



22264 U.S. PTO  
10/684973



2. ☐ The filing fee is calculated below:

**CLAIMS AS FILED  
LESS ANY CLAIMS CANCELLED BY PRELIMINARY AMENDMENT**

Claims after Amendment	Number Filed	Number Extra	<u>LARGE BUSINESS</u>		<u>SMALL ENTITY</u>	
			Rate	Basic Fee \$750	Rate	Basic Fee \$375
Total Claims	___ - 20	= ___	x \$18 =	\$	x \$9 =	= ___
Independent	___ - 3	= ___	x \$84 =	\$	x \$42 =	= ___
MULTIPLE DEPENDENT CLAIMS			+ \$280 =	\$	+ \$140 =	= ___
TOTAL FILING FEE				\$		

3. ☐ The Commissioner is hereby authorized to charge any fees which may be required, or credit any overpayment to Account No. \_\_\_\_\_.
4. ☐ Transfer the drawings from the prior application to this application and abandon said prior application as of the filing date accorded this application. A copy of this sheet is enclosed for filing in the prior application (may only be used if signed by person authorized by §1.138 and before payment of base issue fee).
5. ☐ A Preliminary Amendment is filed herewith.

6. ☒ New formal drawings are enclosed.

7. ☒ Priority of application Serial Nos.

10/302,002 filed November 22, 2002;  
09/819,208 filed March 27, 2001;  
60/243,392 filed October 26, 2000; and  
60/192,901 filed March 29, 2000.


8. ☒ The prior application is assigned of record to: MINIMED INC. at Reel 012125 and Frame 0269.

9. ☒ A new Power of Attorney by Assignee and Exclusion of Inventor Under Rule 3.71 is being submitted herewith.

a. ☐ The power appears in the original papers in the prior application.

b. ☐ Since the power does not appear in the original papers, a copy of the power in the prior application is enclosed.

October 14, 2003  
(Date)

  
(Signature)  
Vivian S. Shin  
Reg. No. 43,919

☒ Attorney or agent of record.

☐ Filed under §1.34(a).

MEDTRONIC MINIMED, INC.  
18000 Devonshire Street  
Northridge, CA 91325-1219  
(818) 576-5291  
(818) 576-6202 Facsimile

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

Applicants:	Sheldon B. Moberg et al.	)	
Serial No.:	Not Assigned	)	Group Art Unit: Not Assigned
Filed:	October 14, 2003	)	
Title:	IMPROVED METHODS,	)	Examiner: Not Assigned
	APPARATUSES, AND USES FOR	)	
	INFUSION PUMP FLUID PRESSURE	)	
	AND FORCE DETECTION	)	
		)	
<b>Continuation</b>	of Prior U.S. Application	)	
Parent Applicants:	Sheldon B. Moberg	)	
Parent Serial No.:	10/302,002	)	Parent Group Art Unit: 3752
Parent Filed:	November 22, 2002	)	
For:	IMPROVED METHODS,	)	Parent Examiner: Steven J. Ganey
	APPARATUSES, AND USES FOR	)	
	INFUSION PUMP FLUID PRESSURE	)	
	AND FORCE DETECTION	)	

**CERTIFICATE OF U.S. EXPRESS MAIL**

Mail Stop Patent Application  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

Express Mail No. EV 038543973 US  
Date of Deposit: October 14, 2003

I hereby certify that 52 page(s) copy of original continuation patent application including cover sheet, 44 pages of specification, 33 claims, and 1 page abstract, along with 22 pages each of informal drawings and formal drawings (Figs. 1 - 23), continuation application transmittal letter, copy of Declaration, copy of recorded Assignment, new Power of Attorney by Assignee and Exclusion of Inventor Under Rule 3.71, and return postcard are being deposited using the "Express Mail Post Office to Addressee" service of the United States Postal Service under 37 C.F.R. § 1.10 on the above date and addressed to Mail Stop Patent Application, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

October 14, 2003

date of deposit

Jonathan Bailey

name of person mailing papers



signature

MEDTRONIC MINIMED, INC.  
18000 Devonshire Street  
Northridge, CA 91325-1219  
Tel.: (818) 576-5291, Fax: (818) 576-6202